Index of Claims

| Application No.     | Applicant(s)    |  |
|---------------------|-----------------|--|
| 10/770,187          | ADAIR, ROBIN A. |  |
| Examiner            | Art Unit        |  |
| Michael P. Ferguson | 3679            |  |

√ Rejected –

= Allowed ÷

− (Through numeral)
Cancelled

÷ Restricted

Non-Elected
I Interference

A Appeal
O Objected

| Cla      | aim      | Date              |              |  |          |  |              |            |                     | Cla       | aim |       | Date     |  |                |              |              |              |          |                 | Cla      | aim  | Date  |            |               |           |         |          |          |          |               |           |
|----------|----------|-------------------|--------------|--|----------|--|--------------|------------|---------------------|-----------|-----|-------|----------|--|----------------|--------------|--------------|--------------|----------|-----------------|----------|------|-------|------------|---------------|-----------|---------|----------|----------|----------|---------------|-----------|
| Final    | Original | 3/22/5            | \<br>\<br>!  |  |          |  |              |            |                     |           |     | Final | Original |  |                |              |              |              |          |                 |          |      | Final | Original   |               |           |         |          |          |          |               |           |
|          | 1        | ✓                 |              |  |          | 1  |              |            |                     | ٦         |     |       | 51       |  |                |              | 1            |              |          |                 |          | .    |       | 101        |               | †         | _       |          | 寸        | $\Box$   |               | $\exists$ |
|          | 2        | ī                 |              |  |          |  |              |            |                     |           | ı   |       | 52       |  |                |              |              |              |          |                 |          | :    |       | 102        |               | T         |         |          |          |          |               |           |
|          | 3        | $\prod$           |              |  |          |  |              |            |                     |           |     |       | 53       |  |                |              |              |              |          |                 |          |      |       | 103        |               | L         |         |          |          |          |               |           |
|          | 4        |                   |              |  |          | İ  |              |            |                     | $\Box$    |     |       | 54       |  |                |              |              |              |          |                 |          |      |       | 104        |               |           |         |          |          |          |               |           |
|          | 5        |                   |              |  |          |  |              |            |                     | ╝         |     |       | 55       |  |                |              |              |              |          |                 | 凵        | . 1  |       | 105        |               | _         | $\perp$ | _        |          | $\Box$   | $\perp$       | _         |
|          | 6        | Ш                 |              | L  | _        | <u> </u>   |              |            |                     |           |     |       | 56       | _  | _              | _            | _            |              |          |                 | _        |      |       | 106        | _ _           | ┸         | 4       | 4        |          | _        | _             | _         |
|          | 7        | Ц                 | _            |  | ļ.,      | <u> </u>   |              |            |                     | _         |     |       | 57       | _  | _              | 4            | 4            | L            | Щ        |                 | _        | - ]  |       | 107        | _             | ╀         | 4       | 4        | _        | _        | $\dashv$      | 4         |
|          | 8        | Н                 | L            | _  | _        | <u> </u>   |              | L          |                     | 4         |     |       | 58       | $\dashv$   | 4              | +            | +            | H            | Ш        |                 | _        | 1    |       | 108        | _ _           | ╄         |         | 4        | -        | $\dashv$ | -             |           |
|          | 9        | Н                 | ⊢            | L  |          | <u> </u>   | ⊢            |            | -+                  | 4         | - 1 |       | 59       | -  | -              | +            | +            | H            | $\vdash$ |                 |          |      |       | 109        |               | ╁         | +       | 4        | +        |          | +             | $\dashv$  |
|          | 10       | H                 | ⊢            |  | <u> </u> | ├  | ⊢            | -          |                     | $\dashv$  |     |       | 60<br>61 | -  | +              | +            | +            | -            | $\vdash$ |                 | $\dashv$ |      |       | 110<br>111 |               | ╬         | +       | $\dashv$ | -        | $\dashv$ | $\dashv$      | $\dashv$  |
|          | 11       | #                 | -            | -  | -        | <del> </del>                                     | -            |            | $\vdash$            | $\dashv$  |     | -     | 62       |  | -              | - -          | ╁            | ┢            | -        |                 | $\dashv$ |      |       | 112        | +             | ┿         | +       | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$      | -         |
|          | 13       | 1                 | ├            | H  | -        |  | $\vdash$     | -          | -+                  | $\dashv$  |     |       | 63       | $\dashv$   | $\dashv$       | +            | ╁            |              | -        |                 |          | 1.0  |       | 113        | -             | +         | +       | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$      | $\dashv$  |
|          | 14       | ۲.                | ├─           |  | -        | <u> </u>   | ⊢            | $\vdash$   | +                   | ۲         | -   |       | 64       |  | +              | +            | +            | $\vdash$     | Н        | $\forall$       | $\dashv$ |      |       | 114        |               | ┪         | +       | +        | -        | $\dashv$ | $\dashv$      | $\dashv$  |
|          | 15       | ╁╌                | $\vdash$     | $\vdash$   | $\vdash$ | ┢  | ╁            | -          | -                   | - .       |     |       | 65       | $\vdash$   | +              | +            | +            | ┢            | H        | $\vdash$        | _        |      |       | 115        | $\neg \vdash$ | +-        | +       | ┪        | 7        | $\dashv$ | $\dashv$      | ┪         |
|          | 16       | H                 |              | -  | ┢        | ╁  | ╁            | H          | $\dashv$            | 7         |     |       | 66       | $\vdash$   | +              | +-           | +            | -            |          | Н               |          |      |       | 116        | _             | 十         | +       | 7        | _        | $\dashv$ | 十             | $\dashv$  |
| -        | 17       |                   | $\vdash$     | $\vdash$   |          | <del>                                     </del> | $\vdash$     | $\vdash$   | -                   | $\dashv$  | 1   |       | 67       | $\Box$   | 1              | $^{\dagger}$ | +            | T            |          |                 |          | ı    |       | 117        |               | ✝         | 1       | 7        | $\dashv$ | ヿ        | 十             | ┪         |
|          | 18       | 1                 | $\vdash$     | ┢  | ┢        | $\vdash$   |              | -          |                     | ┪         |     |       | 68       |  | _              | 1            | +-           |              |          | П               | $\Box$   | - 1  |       | 118        |               | $\dagger$ | +       | 7        | $\dashv$ | $\dashv$ | 寸             | $\neg$    |
| 1        | 19       | t                 | Н            |  | _        | T  | T            |            |                     | ٦,        | . 1 |       | 69       |  | 十              | _            | $\top$       |              |          |                 |          |      |       | 119        |               | T         | $\top$  | 7        | $\neg$   | $\neg$   | $\neg$        | $\neg$    |
|          | 20       |                   |              |  |          | Ī  |              | $\vdash$   |                     | 7         | 1   |       | 70       |  | $\top$         | Τ-           | 1            |              |          |                 |          | 15   |       | 120        |               | T         |         |          | $\neg$   | $\neg$   | $\neg$        | $\exists$ |
|          | 21       |                   |              |  |          |  |              |            |                     | ヿ         |     |       | 71       |  |                |              |              |              |          |                 |          |      |       | 121        |               | T         |         |          |          |          |               |           |
|          | 22       |                   |              |  |          |  |              |            |                     |           |     |       | 72       |  |                |              |              |              |          |                 |          | . 1  |       | 122        |               | Ш         |         |          |          |          |               |           |
|          | 23       |                   |              |  |          |  |              |            |                     |           |     |       | 73       |  |                |              |              |              |          |                 |          |      |       | 123        |               | $\perp$   |         | _        |          | _        | $\perp$       |           |
|          | 24       | <u></u>           | L            |  |          |  |              |            |                     | _         |     |       | 74       | Щ  | _              | $\perp$      | _            | L            | Ш        | Ш               | Щ        |      |       | 124        |               | 1         | 4       | 4        | _        | _        | _             | _         |
|          | 25       | <u> </u>          | L            | _  |          | _  | <u> </u>     |            | Щ                   | 4         | - 1 |       | 75       | $\sqcup$   | _              | _            | 1            | <u>L</u>     |          | $\Box$          | $\Box$   | ļ    |       | 125        |               | ╀         | -       | 4        | _        | _        | _             | _         |
| <u> </u> | 26       | <u> </u>          | _            |  | _        | _  | ╙            | lacksquare |                     | -         |     |       | 76       | $\square$  | 4              | $\bot$       | 1            |              |          |                 | _        |      |       | 126        |               | $\bot$    | +       | 4        | _        | $\dashv$ | $\dashv$      | 4         |
|          | 27       | ╙                 | _            | ļ.,  |          | <u> </u>   | ▙            | L          | $\perp$             | ;         |     |       | 77       | Н  | 4              | 4            | +            |              |          |                 |          | 1    |       | 127        |               | +         | +       | 4        | 4        | $\dashv$ | $\dashv$      | $\dashv$  |
|          | 28       | ┞                 | ⊢            |  | _        | ├  | Ь.           |            |                     |           |     |       | 78       | $\vdash \vdash$  | +              | +            | +            |              |          | -               | $\dashv$ |      |       | 128        | -             | ╀         | +       | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$      | -         |
|          | 29       | ⊢                 | -            | -  | <u> </u> | ļ  | ┢            | -          | $\vdash$            | -1        | -   |       | 79<br>80 | $\vdash$   | +              | +            | +            | H            | Н        | $\dashv$        | $\vdash$ |      |       | 129<br>130 | $\dashv$      | ╀         | +       | +        |          |          | -+            | -         |
| -        | 30       | ├                 | -            | -  |          | ⊢  | ├            | $\vdash$   |                     | $\dashv$  |     |       | 81       | $\vdash$   | +              | ╀            | +            | ⊢            |          | $\vdash$        | -        |      |       | 131        | +             | ╁         | +       | $\dashv$ | -        | -+       | $\dashv$      | -         |
|          | 32       | ⊢                 | ├            | ┝  | ├        | -  | ├            | -          | $\dashv$            | $\dashv$  |     |       | 82       | $\vdash$   | +              |              | ╁            | ⊢            |          | $\vdash$        |          | . "  |       | 132        |               | ┿         | +       | +        | $\dashv$ | $\dashv$ | $\dashv$      | $\dashv$  |
| -        | 33       | $\vdash$          | $\vdash$     | Н  | -        | ├  | ╁            | -          | $\vdash$            | $\dashv$  |     |       | 83       | $\vdash$   | +              | +            | ╁            | ⊢            | Н        | Н               |          |      |       | 133        |               | ╁         | ÷       | ┪        | $\dashv$ | ᅥ        | $\dashv$      | $\dashv$  |
|          | 34       | $\vdash$          | $\vdash$     | $\vdash$   | $\vdash$ | <del>                                     </del> | $\vdash$     | $\vdash$   | $\vdash$            | $\dashv$  |     | _     | 84       |  | +              | +            | +            |              |          | $\vdash$        |          | 4    |       | 134        | $\dashv$      | +         | +       | +        | -        | $\dashv$ | $\dashv$      | ᅱ         |
|          | 35       | $\vdash$          | <del> </del> | <del> </del>   | -        | <del> </del>                                     | <del> </del> | $\vdash$   | $\vdash$            | $\dashv$  |     |       | 85       | $\vdash$   | +              | ╁            | +-           | Н            | Н        | $\vdash \vdash$ | $\dashv$ | ï    |       | 135        | +             | +         | +       | +        | $\dashv$ | $\dashv$ | $\dashv$      | $\dashv$  |
|          | 36       | $\vdash$          | Ι-           | т  | $\vdash$ | t  | t            |            | $\vdash$            | 7         |     |       | 86       | +  | $\dashv$       | - -          | +-           | 1            | П        | $\Box$          | $\dashv$ |      |       | 136        | $\dashv$      | +         | +       | 1        | $\dashv$ | $\dashv$ | $\dashv$      | $\dashv$  |
|          | 37       | Π                 | T            | Г  | Г        | Г  | Г            | Г          | $\Box$              | 7         |     |       | 87       |  | 十              | 1            | $\top$       |              |          | $\Box$          |          |      |       | 137        |               | Ť         | 1       | 7        | $\neg$   | $\neg$   | $\neg$        | $\neg$    |
|          | 38       | Π                 |              |  |          | l  | Γ            |            |                     | $\exists$ |     |       | 88       |  |                |              |              |              |          |                 |          |      |       | 138        |               | Ī         | Ţ       |          |          | $\Box$   |               |           |
|          | 39       |                   |              |  |          |  |              |            |                     |           | ı   |       | 89       |  |                | floor        |              | $L^{-}$      |          |                 |          |      |       | 139        |               | I         |         |          |          |          |               |           |
|          | 40       |                   |              |  |          |  |              |            |                     |           | ĺ   |       | 90       |  | $\Box$         |              |              |              |          |                 |          | ĺ    |       | 140        |               | I         | Ι       | $ \bot $ | $\Box$   |          | $\Box$        |           |
|          | 41       |                   |              |  |          |  |              |            | $\Box$              |           |     |       | 91       |  | $\perp \Gamma$ |              | $oxed{\Box}$ |              |          |                 |          |      |       | 141        |               |           | $\perp$ | $\perp$  | $\Box$   | $\Box$   | ightharpoons  |           |
|          | 42       | $\overline{\Box}$ |              |  | L        |  |              |            | $\Box$              | $\Box$    |     |       | 92       |  | $\perp$        |              | 1            | Ш            | Ш        | Ш               |          |      |       | 142        |               | 1         |         | _        |          | $\dashv$ | ightharpoonup | _         |
| L_       | 43       | _                 | _            |  |          | <u> </u>   |              |            | L.                  | 4         |     |       | 93       |  | $\perp$        | $\perp$      | 1            | L            |          | Щ               | _        | i je |       | 143        | $\dashv$      | 1         | 4       | _        | _        |          | _             | _         |
| <u></u>  | 44       | $\vdash$          | <u> </u>     | <u> </u>   | L        | <u> </u>   | _            |            | oxdot               | 4         |     | L     | 94       | $\vdash \downarrow$  | $\perp$        | $\perp$      | <u> </u>     | $\vdash$     |          | $\sqcup$        |          | , l  |       | 144        | $\dashv$      | +         | +       |          |          | $\dashv$ | $\dashv$      | 4         |
| <u></u>  | 45       | ⊢                 | <u> </u>     | <u> </u>   |          | <u> </u>   |              | <u> </u>   | $\sqcup \downarrow$ | 4         |     |       | 95       | $\vdash$   | 4              | 4            | 4_           | L.           | $\vdash$ | $\square$       | _        | 1    |       | 145        | _             | +         | 4       | 4        |          |          | -             | 4         |
| -        | 46       | <u> </u>          | _            | <b> </b>   |          | <u> </u>   | _            | <u> </u>   | $\dashv$            | 4         | -   |       | 96       | -  | -              | +            | +            | <del> </del> | $\vdash$ |                 | 긕        | •    |       | 146        |               | +         | +       | 4        | $\dashv$ | $\dashv$ | $\dashv$      | $\dashv$  |
|          | 47       | -                 | _            |  | <u> </u> | <del>                                     </del> | $\vdash$     | -          | $\vdash$            | $\dashv$  |     |       | 97       | $\vdash$   | +              | +            | +-           | $\vdash$     | Н        | $\vdash \vdash$ | 긕        |      |       | 147<br>148 | $\dashv$      | ╁         | +       | $\dashv$ | -        | $\dashv$ | $\dashv$      | $\dashv$  |
| -        | 48<br>49 | $\vdash$          | <u> </u>     | $\vdash$   |          | -  | -            | $\vdash$   | $\dashv$            | -         |     |       | 98<br>99 | -  | +              | +            | +            | $\vdash$     | Н        | $\vdash \vdash$ | $\dashv$ | -    |       | 148        |               | +         | +       | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$      | $\dashv$  |
|          | 50       | -                 | -            | $\vdash$   | <b>-</b> | -  | $\vdash$     | $\vdash$   | $\dashv$            | $\dashv$  | - 1 |       | 100      | $\vdash$   | +              | +            | +-           | $\vdash$     | Н        | $\vdash$        | ᅱ        |      |       | 150        |               | +         | +       | $\dashv$ |          | $\dashv$ | $\dashv$      | ᅱ         |
| L        | 1 20     | Ц.                | L            | $oldsymbol{ol}}}}}}}}}}}}}}}}}}$ | Ц_       | ட  | ட            | نـــــا    |                     |           |     | L     | 100      | $oldsymbol{ol}}}}}}}}}}}}}}}}}}$ |                | ᅟ            |              |              | لــــا   |                 |          | ŧ    |       | 130        | _             | Т.        |         | 1        |          |          | ш.            | _         |